

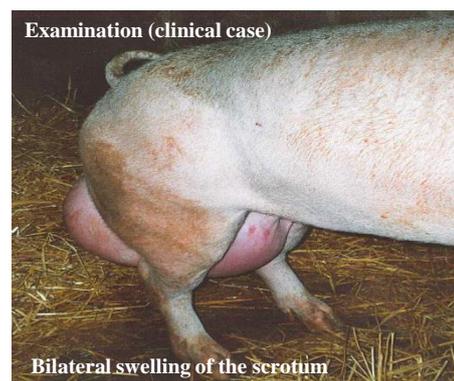
History

August: a 3-year-old Landrace boar is referred to the Swine clinic

- **May:** history reports a period of hyperthermia, anorexia, depression and weight loss
→ antibiotic (lincomycin and ceftiofur) + anti-inflammatory (steroid) → recovery
- **July:** the boar fell down after a supervised natural mating

Clinical examination

- **August:** the boar presents a bilateral swelling of the scrotum



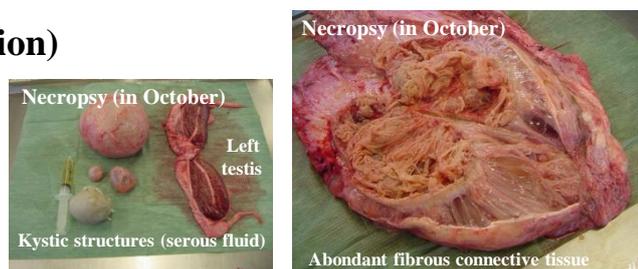
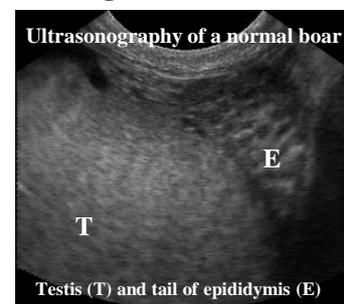
- The boar has a good general condition and a normal appetite
- Scrotal palpation is painless - the left hemiscrotum is more enlarged than the right one

Differential diagnosis of scrotal swelling (most likely causes)

- Hematoma
- Hydrocele
- (Peri-)orchitis, epididymitis (Aujeszky disease virus, *Brucella suis*,...)
- Scirrhus cord (after castration)
- Scrotal hernia
- Testicular neoplasia

Laboratory investigations

- **Serology:** negative result for Aujeszky disease/brucellosis/chlamydiosis
- **Ultrasonography:** multiple hypoechogenic cavities around testes
- **Semen analysis:** azoospermia
- **Necropsy:** kystic structures (serous fluid) surrounded by an abundant fibrous connective tissue
- **Histopathology:** lymphocytes/hemosiderophages around the kysts + hyperplasia of interstitial tissue in detriment to seminiferous tubules + no sign of spermatogenesis in testis



Diagnosis

Bilateral scrotal swelling with a traumatic origin: observed lesions seem to be the result of a partial resorption of a complex extratesticular hematoma